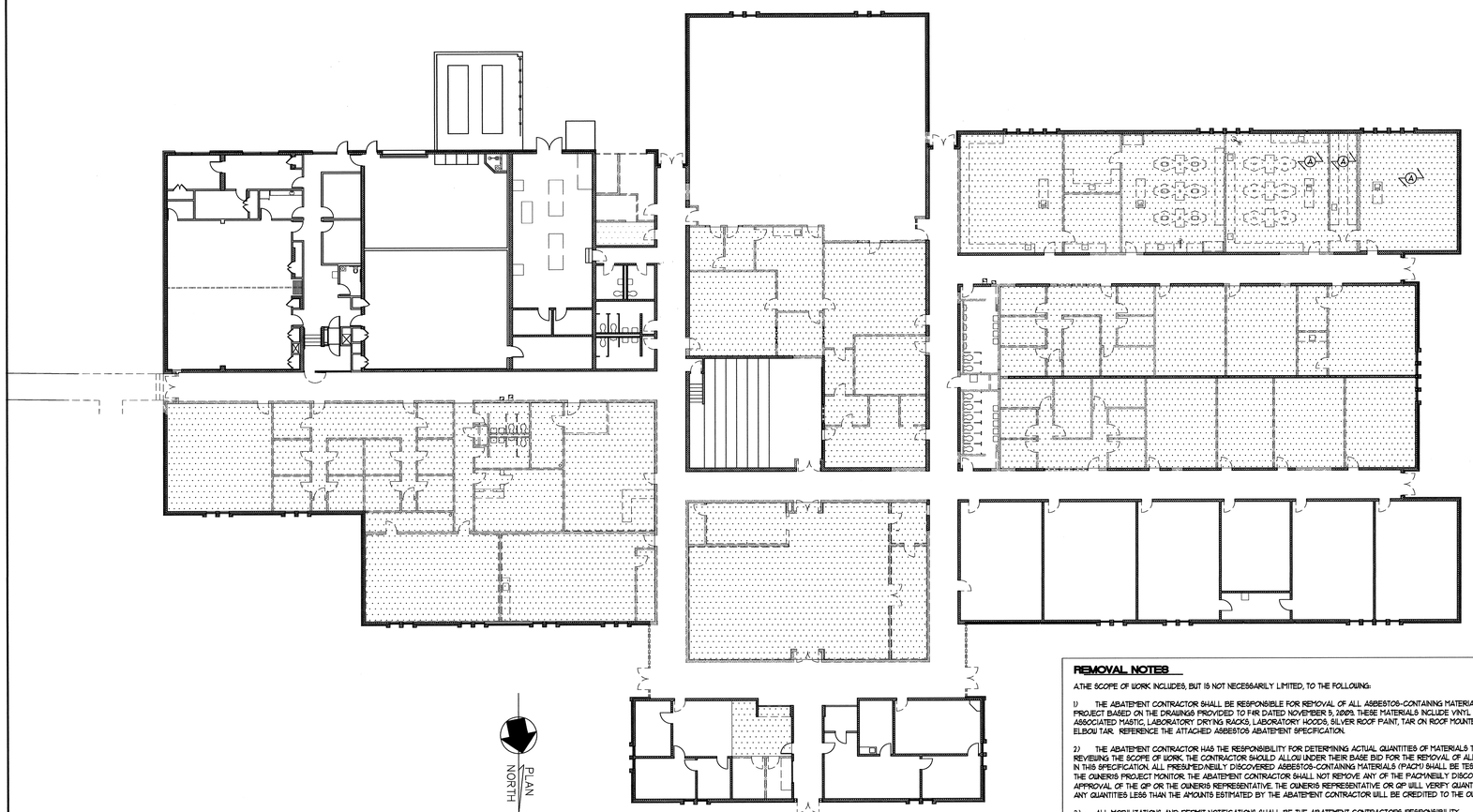

1 ABATEMENT PLAN WARSAW CAMPUS
SCALE: 1/16" = 1'-0"
AB-1W AB-1W

0 5 10 20 30
SCALE: 1/16"=1'-0"

INDICATES APPROX EXTENT OF ASBESTOS CONTAINING MATERIALS. SEE "REMOVAL NOTES" FOR LIST OF MATERIALS AND ADDITIONAL REQUIREMENTS FOR ASBESTOS ABATEMENT

ASBESTOS CONTAINING MATERIAL PLAN REMOVAL NOTES:
④ DEMOLISH AND REMOVE ALL EXISTING LABORATORY BENCHES IN THIS ROOM.

DISCLOSURE STATEMENTS

ASBESTOS DISCLOSURE STATEMENT

AN ASBESTOS INSPECTION WAS PERFORMED AND ASBESTOS-CONTAINING MATERIALS WERE FOUND GENERALLY IN THE AREAS INDICATED. THE ASBESTOS SURVEY/INSPECTION REPORT IS AVAILABLE TO THE CONTRACTOR(S) FOR HIS INFORMATION. THE ASBESTOS-CONTAINING MATERIALS SHALL BE REMOVED PRIOR TO ANY OTHER WORK BEING PERFORMED IN THESE AREAS. THE ASBESTOS MANAGEMENT PLAN IS INCLUDED IN THE DOCUMENTS. THE ASBESTOS ABATEMENT CONTRACTOR SHALL MARK-UP THE ASBESTOS MANAGEMENT PLAN TO SHOW THE "AS BUILT" CONDITIONS RESULTING FROM ITS WORK TO INCLUDE AREAS WHERE ASBESTOS WAS ABATED, AREAS WHERE ASBESTOS WAS ENCAPSULATED, AND AREAS WHERE ASBESTOS CONTAINING MATERIALS EXIST BUT WERE LEFT IN PLACE.

LEAD BASE PAINT DISCLOSURE STATEMENT

A LEAD/BASED PAINT INSPECTION WAS PERFORMED AND NO LEAD/BASED PAINT WAS FOUND.

ASBESTOS ABATEMENT DESIGNER:

_____

LICENSE # _____

REMOVAL NOTES

A.THE SCOPE OF WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED, TO THE FOLLOWING:

1) THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ASBESTOS-CONTAINING MATERIALS IMPACTED BY THIS PROJECT BASED ON THE DRAWINGS PROVIDED TO FIR DATED NOVEMBER 5, 2009. THESE MATERIALS INCLUDE VINYL FLOOR TILES AND ASSOCIATED MASTIC, LABORATORY DRYING RACKS, LABORATORY HOODS, SILVER ROOF PAINT, TAR ON ROOF MOUNTED EQUIPMENT, AND PIPE ELBOW TAR. REFERENCE THE ATTACHED ASBESTOS ABATEMENT SPECIFICATION.

2) THE ABATEMENT CONTRACTOR HAS THE RESPONSIBILITY FOR DETERMINING ACTUAL QUANTITIES OF MATERIALS TO BE REMOVED AND REVIEWING THE SCOPE OF WORK. THE CONTRACTOR SHOULD ALLOW UNDER THEIR BASE BID FOR THE REMOVAL OF ALL MATERIALS AS REFERENCED IN THIS SPECIFICATION. ALL PRESUMED/NEWLY DISCOVERED ASBESTOS-CONTAINING MATERIALS (PACM) SHALL BE TESTED PRIOR TO REMOVAL BY THE OWNER'S PROJECT MONITOR. THE ABATEMENT CONTRACTOR SHALL NOT REMOVE ANY OF THE PACM/NEWLY DISCOVERED ACMS WITHOUT THE APPROVAL OF THE QP OR THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE OR QP WILL VERIFY QUANTITIES AS THEY ARE REMOVED. ANY QUANTITIES LESS THAN THE AMOUNTS ESTIMATED BY THE ABATEMENT CONTRACTOR WILL BE CREDITED TO THE OWNER.

3) ALL MOBILIZATIONS AND PERMIT NOTIFICATIONS SHALL BE THE ABATEMENT CONTRACTORS RESPONSIBILITY.

2) THE WORK SPECIFIED IN THIS DOCUMENT CONSISTS OF THE PROVISION OF SERVICES FOR THE REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING MATERIALS (ACMS). ASBESTOS MATERIALS HAVE BEEN IDENTIFIED IN THE AREAS WHERE WORK WILL BE PERFORMED. IF KNOWN OR SUSPECT ACM MATERIALS ARE DISCOVERED THAT ARE NOT ADDRESSED BY THESE DOCUMENTS, THE CONTRACTOR SHALL INFORM THE OWNER IMMEDIATELY. UNDER NO CIRCUMSTANCES ARE THESE MATERIALS TO BE DISTURBED.

3) ALL ASBESTOS ABATEMENT WORK WILL BE PERFORMED BY COMPETENT, LICENSED (BY THE VIRGINIA DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION) PERSONS TRAINED, QUALIFIED, AND KNOWLEDGEABLE IN THE TECHNIQUES OF ABATEMENT, HANDLING, AND DISPOSAL OF ACBMS AND MATERIALS CONTAMINATED BY ASBESTOS, IN ACCORDANCE WITH PERTINENT LOCAL, STATE, AND FEDERAL REGULATIONS.

ADDITIONAL ABATEMENT NOTES:
NOTE 2: THE QUANTITIES INDICATED ON THESE DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES TO BE REMOVED TO COMPLETE THE SCOPE OF WORK.
NOTE 3: DURING THE PERFORMANCE OF THE PROJECT, THE CONTRACTOR WILL BE SUBJECT TO INSPECTION BY THE OWNERS REPRESENTATIVE. IF THE CONTRACTOR IS FOUND NOT IN COMPLIANCE WITH THE PROJECT SPECIFICATIONS, THE CONTRACTOR WILL STOP ALL WORK IMMEDIATELY TO RESOLVE THE VIOLATION. STANDBY TIME SHALL BE AT THE CONTRACTORS EXPENSE.
NOTE 4: FOLLOWING COMPLETION OF WORK, THE OWNERS REPRESENTATIVE SHALL VISUALLY VERIFY THAT ALL ACMS SCHEDULED FOR REMOVAL HAVE BEEN REMOVED AND THAT THE CONTAINMENTS ARE CLEAN AND READY FOR FINAL AGGRESSIVE AIR SAMPLING. US EPA AHERA PROTOCOLS (PCM ANALYSIS) WILL BE FOLLOWED FOR CLEARANCE CRITERIA. CONTRACTOR WILL RECLEAN THE CONTAINMENT AREAS AT THEIR OWN EXPENSE UNTIL CONTAINMENT PASSES BOTH VISUAL AND AGGRESSIVE AIR SAMPLING.
NOTE 5: CARPETING IN SOME AREAS OF THE BUILDING MAY COVER FLOOR TILE AND/OR MASTIC. WHERE CARPETING COVERS FLOOR TILE AND/OR FLOOR TILE MASTIC, THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL CARPETING. THE CARPETING SHALL BE REMOVED UNDER NEGATIVE PRESSURE CONTAINMENT IN CONJUNCTION WITH THE FLOOR TILE REMOVAL AND DISPOSED OF AS ASBESTOS-CONTAINING WASTE. IF THE CARPETING CAN BE REMOVED WITHOUT BREAKING OR DISTURBING THE UNDERLYING FLOOR TILE, THE ABATEMENT CONTRACTOR MAY DISPOSE OF IT AS NON-ASBESTOS WASTE.
NOTE 6: IN SOME AREAS OF THE BUILDING, MULTIPLE LAYERS OF FLOORING MAY EXIST. THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL LAYERS.
NOTE 7: LEAD CONTAINING PAINT (LCP) AND LEAD-BASED PAINT (LBP). IT IS ANTICIPATED THAT SOME OF THE PAINTED SURFACES IN THE BUILDING CONTAIN LEAD. THE CONTRACTOR SHALL ASSUME ALL SURFACES CONTAIN LCP OR LBP. IT IS IMPORTANT TO NOTE THAT OSHA, UNDER ITS LEAD IN CONSTRUCTION STANDARD (29 CFR 1926.62, PARAGRAPH D.) DOES NOT DEFINE ACCEPTABLE LEVELS OF LEAD IN PAINT AT WHICH NO EXPOSURE TO AIRBORNE LEAD (ABOVE THE ACTION LEVEL) WOULD BE EXPECTED. RATHER, OSHA DEFINES AIRBORNE CONCENTRATIONS, AND REFERENCES SPECIFIC TYPES OF WORK PRACTICES AND OPERATIONS FROM WHICH A LEAD HAZARD MAY BE GENERATED. ENVIRONMENTAL AND PERSONNEL MONITORING SHOULD BE CONDUCTED DURING ANY REMOVAL/DEMOLITION PROCESS (AS APPROPRIATE) TO VERIFY THAT ACTUAL PERSONAL EXPOSURES ARE BELOW THE PERMISSIBLE EXPOSURE LIMIT (PEL) UNDER OSHA REQUIREMENTS. THE CONTRACTOR PERFORMING DEMOLITION WORK IN THE BUILDING WILL BE REQUIRED TO CONDUCT THIS MONITORING AND FOLLOW ALL OF THE OTHER REQUIREMENTS FOUND UNDER 29 CFR 1926.62. ALL CONTRACTORS PERFORMING WORK AT THE SITE SHOULD ALLOW FOR UNDER THEIR BASE BID COMPLIANCE WITH THE OSHA STANDARD FOR LEAD IN CONSTRUCTION 29 CFR 1926.62.

NOTE 9: SUSPECT PCBS/MERCURY CONTAINING FIXTURES AND CAULKING- AS LIGHTING FIXTURES AREA REMOVED BY THE ABATEMENT CONTRACTOR FROM THE CEILING AS PART OF THE CEILING DEMOLITION WORK, THE CONTRACTOR WILL BE REQUIRED TO PROPERLY REMOVE AND SET ASIDE ALL LIGHT BALLASTS AND LIGHT TUBES FOR DISPOSAL BY THE OWNER. PLACE THESE MATERIALS IN CONTAINERS PROVIDED BY THE OWNER. IF A LEAKING BALLAST IS OBSERVED, NOTIFY THE OWNER IMMEDIATELY.
THE CONTRACTOR SHALL ALSO COORDINATE WITH THE GENERAL CONTRACTOR TO EVALUATE IF CAULKING IS TO BE DISTURBED BY THIS PROJECT. IF CAULKING IS TO BE DISTURBED BY THIS PROJECT, THE CONTRACTOR AND THE GENERAL CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE OWNER AND THEIR REPRESENTATIVE FOR THE TESTING OF ANY CAULKINGS IMPACTED BY THE PROJECT FOR PCBS. ANY ABATEMENT OF PCB CONTAINING CAULKING MATERIALS SHALL BE AUTHORIZED AND APPROVED BY THE OWNER. THE CONTRACTOR SHALL SUBMIT A UNIT COST FOR REMOVAL AND DISPOSAL PER LINEAR FOOT.

THE SCOPE OF WORK INCLUDES THE FOLLOWING:
6) THE ABATEMENT CONTRACTOR SHALL REMOVE THE FOLLOWING MATERIALS AS PART OF THE BASE BID:

1) THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ASBESTOS-CONTAINING MATERIALS IMPACTED BY THIS PROJECT BASED ON THE DRAWINGS PROVIDED TO FIR DATED NOVEMBER 5, 2009. THESE MATERIALS INCLUDE VINYL FLOOR TILES AND ASSOCIATED MASTIC, LABORATORY BENCHES, LABORATORY HOODS, VINYL COVE BASE AND ASSOCIATED MASTIC, ROOF FLASHINGS, AND ROOF FLASHING CAULK.

8) THE ABATEMENT CONTRACTOR HAS THE RESPONSIBILITY FOR DETERMINING ACTUAL QUANTITIES OF MATERIALS TO BE REMOVED AND REVIEWING THE SCOPE OF WORK. THE CONTRACTOR SHOULD ALLOW UNDER THEIR BASE BID FOR THE REMOVAL OF ALL MATERIALS AS REFERENCED IN THIS SPECIFICATION. ALL PRESUMED/NEWLY DISCOVERED ASBESTOS-CONTAINING MATERIALS (PACM) SHALL BE TESTED PRIOR TO REMOVAL BY THE OWNER'S PROJECT MONITOR. THE ABATEMENT CONTRACTOR SHALL NOT REMOVE ANY OF THE PACM/NEWLY DISCOVERED ACMS WITHOUT THE APPROVAL OF THE QP OR THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE OR QP WILL VERIFY QUANTITIES AS THEY ARE REMOVED. ANY QUANTITIES LESS THAN THE AMOUNTS ESTIMATED BY THE ABATEMENT CONTRACTOR WILL BE CREDITED TO THE OWNER.

9) ALL MOBILIZATIONS AND PERMIT NOTIFICATIONS SHALL BE THE ABATEMENT CONTRACTORS RESPONSIBILITY.

1) THIS SECTION INCLUDES ALL WORK NECESSARY TO REDUCE AIR CONCENTRATIONS OF ASBESTOS TO THE SPECIFIED LEVEL AND MAINTAIN THE SPECIFIED ASBESTOS CONTROL LIMITS DURING THE LIFE OF THE CONTRACT. IT ALSO CONTAINS REMOVAL, CONTAINMENT, AND DISPOSAL OF ASBESTOS-CONTAINING MATERIALS. THE WORK SPECIFIED IN THIS DOCUMENT CONSISTS OF THE PROVISION OF SERVICES FOR THE REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING BUILDING MATERIALS (ACBMS). ASBESTOS MATERIALS HAVE BEEN IDENTIFIED IN THE AREAS WHERE WORK WILL BE PERFORMED.

2) ALL ASBESTOS ABATEMENT WORK WILL BE PERFORMED BY COMPETENT, LICENSED (BY THE VIRGINIA DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION) PERSONS TRAINED, QUALIFIED, AND KNOWLEDGEABLE IN THE TECHNIQUES OF ABATEMENT, HANDLING, AND DISPOSAL OF ACBMS AND MATERIALS CONTAMINATED BY ASBESTOS, IN ACCORDANCE WITH PERTINENT LOCAL, STATE, AND FEDERAL REGULATIONS.

12) THE ABATEMENT CONTRACTOR SHALL REMOVE THE FOLLOWING MATERIALS AS PART OF THE BASE BID:
a) ALL ASBESTOS CONTAINING FLOOR TILES AND ASSOCIATED MASTIC (SOME PRESENT UNDER CARPET) THAT WILL BE IMPACTED DURING PLANNED RENOVATION LOCATED THROUGHOUT THE RENOVATION AREAS. APPROXIMATELY 26,750 SQUARE FEET OF FLOORING MATERIALS FLOOR PLANS HAVE ALSO BEEN ATTACHED TO THIS SPECIFICATION INDICATING AREAS TO BE ABATED. NOTE 1: AS PART OF THE BASE BID, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL LAYERS OF FLOOR TILES AND MASTIC AND ANY ASSOCIATED CARPETING. NOTE 2: THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL VAT AND MASTIC UNDERLAYMENTS CARPETS, PARTITION WALLS, FIXTURES, CABINETS, AND OTHER FURNISHINGS AND OBSTRUCTIONS WHERE DIRECTED BY THE OWNER TO REMOVE THESE MATERIALS AS PART OF THE BASE BID. NOTE 3: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS WITHIN A NEGATIVE PRESSURE CONTAINMENT AS DESCRIBED IN PART 3 1 EXECUTION OF THIS DOCUMENT.
b) ALL ASBESTOS CONTAINING VINYL COVE BASE AND ASSOCIATED MASTIC THAT WILL BE IMPACTED DURING PLANNED RENOVATION LOCATED THROUGHOUT THE RENOVATION AREAS. APPROXIMATELY 8,110 LINEAR FEET OF COVE BASE MATERIALS. NOTE 1: AS PART OF THE BASE BID, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL VINYL COVE BASE AND ASSOCIATED MASTIC TO BE IMPACTED BY THE PLANNED RENOVATION. NOTE 2: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS WITHIN A NEGATIVE PRESSURE CONTAINMENT AS DESCRIBED IN PART 3 1 EXECUTION OF THIS DOCUMENT IN ASSOCIATION WITH FLOOR TILE AND MASTIC REMOVAL.
c) ALL ASBESTOS CONTAINING LABORATORY BENCHES AND ALL ASSOCIATED ADHESIVES THAT WILL BE IMPACTED DURING PLANNED RENOVATION LOCATED THROUGHOUT THE RENOVATION AREAS. APPROXIMATELY 950 SQUARE FEET OF LABORATORY BENCHES AND ADHESIVES. NOTE 1: AS PART OF THE BASE BID, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL LABORATORY BENCHES AND ASSOCIATED ADHESIVES. NOTE 2: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS INTACT AS DESCRIBED IN PART 3 1 EXECUTION OF THIS DOCUMENT.
d) ALL ASBESTOS CONTAINING LABORATORY HOODS AND ASSOCIATED PIPING THAT WILL BE IMPACTED DURING PLANNED RENOVATION LOCATED THROUGHOUT THE RENOVATION AREAS. APPROXIMATELY 2 LABORATORY HOODS. NOTE 1: AS PART OF THE BASE BID, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL LABORATORY HOODS AND ASSOCIATED PIPING. NOTE 2: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS INTACT AS DESCRIBED IN PART 3 1 EXECUTION OF THIS DOCUMENT.
e) ALL ASBESTOS CONTAINING ROOF FLASHING AND ALL ASSOCIATED ROOF CAULKINGS THAT WILL BE IMPACTED DURING PLANNED RENOVATION OF THIS BUILDING. APPROXIMATELY 2,800 LINEAR FEET OF ROOF FLASHING/CAULKINGS. NOTE 1: AS PART OF THE BASE BID, THE ABATEMENT CONTRACTOR SHALL REMOVE ALL ROOF FLASHING/CAULKING TO BE IMPACTED BY THE PLANNED RENOVATION. NOTE 2: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS INTACT AS DESCRIBED IN PART 3 1 EXECUTION OF THIS DOCUMENT.

ADDITIONAL NOTES:

NOTE: THE ABATEMENT CONTRACTOR SHALL SUBMIT UNIT COST ESTIMATES FOR THE FOLLOWING ITEMS:
1. REMOVAL OF ASBESTOS-CONTAINING FLOORING MATERIALS (INCLUDING FLOOR TILES, VINYL SHEETING, CARPET AND ASSOCIATED MASTIC) WITHIN NEGATIVE PRESSURE CONTAINMENT, PER SQUARE FOOT.
2. REMOVAL OF ASBESTOS-CONTAINING FLOORING MATERIALS (INCLUDING FLOOR TILES, CARPET, AND ASSOCIATED MASTIC) INTACT, PER SQUARE FOOT.
3. REMOVAL OF ASBESTOS-CONTAINING VINYL COVE BASE AND ASSOCIATED MASTIC WITHIN NEGATIVE PRESSURE CONTAINMENT, PER LINEAR FOOT.
4. REMOVAL OF ASBESTOS-CONTAINING LABORATORY BENCHES/ADHESIVES INTACT, PER SQUARE FOOT.
5. REMOVAL OF ASBESTOS-CONTAINING LABORATORY HOODS AND ASSOCIATED PIPING INTACT, PER HOOD.
6. REMOVAL OF ASBESTOS-CONTAINING ROOF FLASHINGS/CAULKINGS INTACT, PER LINEAR FOOT.
7. REMOVAL OF ASBESTOS-CONTAINING PIPE INSULATION/MASTICS WITHIN A GLOVEBAG, PER LINEAR FOOT.
8. REMOVAL OF FAN COIL INSULATION WITHIN A GLOVEBAG, PER LINEAR FOOT.
9. REMOVAL OF WATER COOLER INSULATION WITHIN A GLOVEBAG, PER LINEAR FOOT.
NOTE: THE ABATEMENT CONTRACTOR SHALL REMOVE THESE MATERIALS WITHIN NEGATIVE PRESSURE CONTAINMENT UNLESS OTHERWISE NOTED. UNIT PRICES WILL INCLUDES ALL MOBILIZATION, INSURANCE, LABOR, NOTIFICATION ETC. UNIT COSTS WILL BE USED TO CREDIT THE OWNER.
NOTE: THE CONTRACTOR SHALL BE REQUIRED TO VENT NEGATIVE AIR EXHAUST TO THE OUTDOORS IN ORDER TO PROVIDE THE REQUIRED -0.02 INCHES WG NEGATIVE PRESSURE. THE ASBESTOS ABATEMENT CONTRACTOR WILL NEED TO COORDINATE WITH THE GENERAL CONTRACTOR TO DETERMINE THE BEST METHOD TO ALLOW FOR THIS.
NOTE: THE CONTRACTOR SHALL ADEQUATELY SECURE ALL CONTAINMENTS AND PREVENT UNAUTHORIZED ENTRY THROUGH CONSTRUCTION OF LOCKABLE PLYWOOD/WOOD FRAME ENTRANCES/DECON. THESE AREAS WILL BE LOCKED OUT WHEN WORK IS NOT OCCURRING.

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RAPPAHANNOCK COMMUNITY COLLEGE
CAMPUS RENOVATIONS
WARSAW + GLENNS, VIRGINIA
PC: 260-17712

ABATEMENT PLAN + NOTES
WARSAW CAMPUS

Date: JANUARY 13, 2010

REVISIONS

NO.	DATE

COMMONWEALTH OF VIRGINIA
STEPHEN, FLOYD OTHNIEL
Lic. NO. 013847
1/13/2010
ARCHITECT

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